

REMARKS

Claims 1-60 currently are pending. Claims 1, 8-54, and 57-60 have been allowed. Claims 2-7 have been objected to for certain alleged informalities. Claims 55 and 56 have been rejected under 35 U.S.C. § 112, second paragraph as indefinite. Claim 55 has been amended to overcome this objection. Claims 1, 9, and 52 have been amended to conform the spelling of certain words to U.S. practice. No new matter has been introduced by way of these amendments to the claims or the amendment to the specification.

Objection to the Specification

The Office Action objected to the specification at page 13, line 18 as missing a word. The paragraph has been amended, inserting the word “window” between the words “The” and “or” at the end of line 18 on page 13 of the specification (i.e., line 3 of the paragraph as set forth above in this amendment.

Information Disclosure Statement

The Office Action states that certain references identified in Background of the Invention section of the Specification have not been identified in an Information Disclosure Statement. The applicant notes that the reference on page 2 of the specification at lines 6 and 7 was previously cited in an Information Disclosure Statement and identified on the attached PTO Form 1449 as reference number AO. Moreover, the PTO Form 1449 attached to the Office Action indicates that the Examiner has reviewed this reference.

With regard to the references cited at page 1 of the application at lines 14-17, the applicant submits a Supplemental Information Disclosure Statement herewith, along with

copies of the paper, and the book cited. The applicant notes that the first volume of the book is out of print, and has been unable to obtain a copy of the same. Therefore, a photocopy is submitted herewith, and the second volume is enclosed.

Claim Objections

The Office Action objects to claims 2-4 for alleged informalities and claims 5-7 for depending therefrom. The Office Action objects to the use of the terms “transverse” and “orthogonal” in claims 2 and 3, respectively. Claim 2, however, is directed to the embodiment of FIG. 6, and is therefore considered to be correct. Further, the “orthogonal” limitation of claim 3 is not considered to be inconsistent with the limitation of claim 2. Similarly, “transverse” implies “situated or lying across; crosswise,” i.e., not necessary at a right angle. It is further respectfully submitted that claim 4 is not inconsistent with claims 2 or 3, claim 2 being directed to FIG. 6. Accordingly, claims 2-4 and claims 5-7, which depend therefrom, should also be allowable.

Claim Rejections

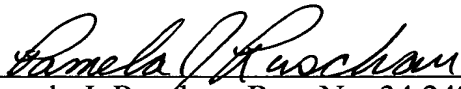
Claims 55 and 56 were rejected under 35 U.S.C. § 112, second paragraph. Claim 55 has been amended to further clarify the subject matter claimed, and now claims “said one of said first and second end elements.” It is respectfully submitted, however, that claim 56 recites at original lines 3-4 of claim 56 “a predetermined energy range.” Accordingly, the later recitation at lines 5-6 is appropriate.

In Re the Application of Read
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Conclusion

Accordingly, it is respectfully submitted that all of the claims should be in condition for allowance at this time. If, in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is invited to call the undersigned attorney.

Respectfully submitted,



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